

mDS  
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THIS APPLICATION IS A <sup>-2-</sup>CONT OF 09 722 715 11/28/2000 PAT 6639,891

BACKGROUND OF THE INVENTION

1. Field of the Invention

The present invention generally relates to data recording/reproduction apparatus for optical disks, which apparatus each include an optical pickup which can record, reproduce, or erase data by projecting a laser beam into a spot on an optical disk such as a compact disk (CD) or a digital versatile disk (DVD), and more particularly to a data recording/reproduction apparatus which can adjust a tilt and a height of the optical pickup with respect to an optical disk.

2. Description of the Related Art

As a recent trend, optical disks have been shifting from CDs to DVDs, each of which includes a storage capacity approximately seven times as large as that of a CD. To comply with the increase in the storage capacity, it is required of an optical pickup to reduce a diameter of a beam spot formed on an optical disk by a laser beam projection. Therefore, a wavelength of a laser beam projected from a light source of a semiconductor laser is reduced, and a numerical aperture (NA) of an objective lens is increased, causing a tilt of the objective lens with